

CLAIMS

1. A plate-shaped light guide for a planar light source device,
which guides light emitted from a primary light source, the light guide
5 comprising: a light incident face which the light emitted from the primary
light source enters and a light emitting face from which the guided light is
emitted,

wherein the light emitting face is a finely uneven surface, an
average slant angle θ_a of the finely uneven surface is in a range of 0.3° to
10 30° , and a ten-point average roughness R_z is in a range of $0.7\ \mu\text{m}$ to $10\ \mu\text{m}$.

2. The light guide for the planar light source device according
to claim 1, wherein a central-line average roughness R_a of the finely uneven
surface is in a range of $0.08\ \mu\text{m}$ to $1.5\ \mu\text{m}$.

3. The light guide for the planar light source device according
15 to claim 1, wherein the finely uneven surface includes a large number of
micro convex curved surface areas.

4. The light guide for the planar light source device according
to claim 1, wherein the light guide has a rectangular plate shape, and the
light incident face is formed corresponding to one edge of the rectangular
20 plate-shaped light guide.

5. The light guide for the planar light source device according
to claim 1, wherein the light guide has a rectangular plate shape, and the
light incident face is formed corresponding to one corner portion of the
rectangular plate-shaped light guide.

25 6. A planar light source device comprising: the light guide for
the planar light source device according to any one of claims 1 to 5; the
primary light source disposed adjacent to the light incident face of the
light guide; and a sheet-shaped light deflection element disposed adjacent
to the light emitting face of the light guide, the light deflection element

comprising: a light incoming surface positioned facing the light emitting face of the light guide; and a light outgoing surface on the opposite side, a plurality of elongated prisms being juxtaposed and formed on the light incoming surface.

5 7. The planar light source device according to claim 6, wherein each of the elongated prisms of the light deflection element linearly extends substantially in a direction parallel to an edge of the light guide facing the light incident face.

10 8. The planar light source device according to claim 6, wherein each of the elongated prisms of the light deflection element circularly extends substantially centering on a corner portion corresponding to the light incident face of the light guide.

15 9. The planar light source device according to claim 7, wherein the primary light source is a linear light source extending in a direction substantially parallel to an edge corresponding to the light incident face of the light guide.

20 10. The planar light source device according to claim 8, wherein the primary light source is a spot light source disposed adjacent to a corner portion corresponding to the light incident face of the light guide.